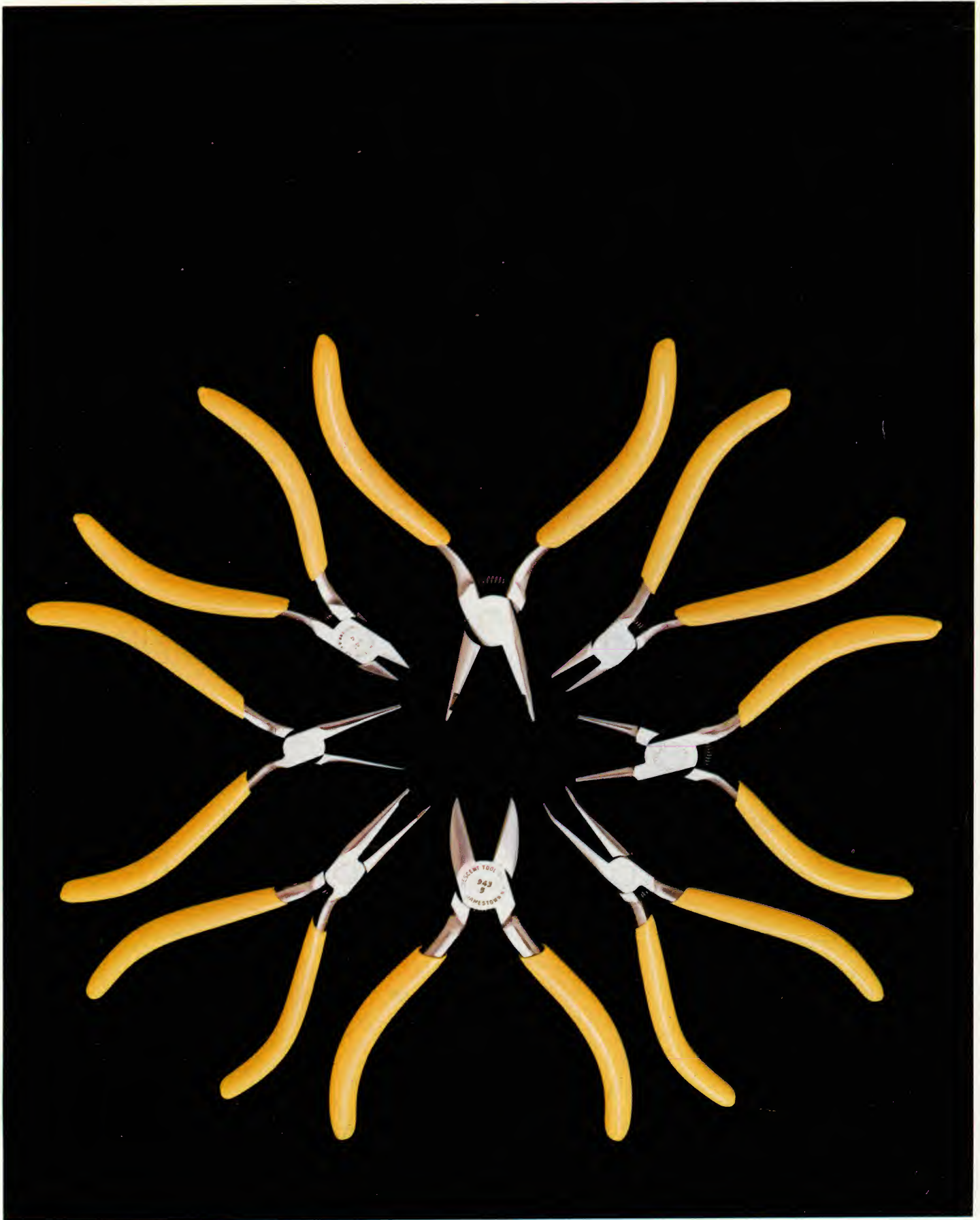




CRESCENT PLIERS AND CUTTERS INDUSTRIAL AND ELECTRONIC CATALOG NO. E65

R. C. NEAL COMPANY, INC.

HORSEHEADS, N. Y. 14845



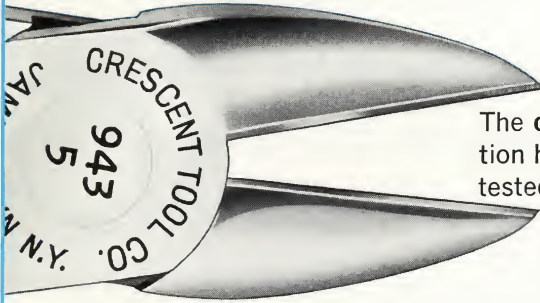


CRESCENT
PUTS
THE TOOLS
IN INDUSTRY'S
HANDS



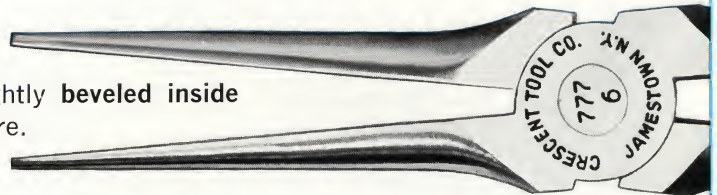
For over half a century, CRESCENT BRAND HAND TOOLS have set the standard for the industry. The quality of CRESCENT® hand tools is so well recognized, that often in error the brand name is used to indicate the tool, instead of the brand name for the specific tool of Crescent manufacture. ■ CRESCENT has brought leadership in design, development and production into focus in the field of Custom Design and Precision Hand Tools for industry. CRESCENT pliers, for example, include special models which have been designed for specific industrial and electronic uses. Where precise workmanship is a must; where reliability is demanded, and for use on production lines and in work areas where standard-line models are not adequate, CRESCENT Custom Design and Precision Hand Tools meet the need. ■ CRESTOLOY®, the trademark that identifies the special alloy steel developed by Crescent, has become synonymous with superior quality. A selective induction process of electronic hardening provides the hard surface and interior toughness that gives CRESCENT tools their rugged strength and long life. ■ “Cushion Grip” handles on CRESCENT hand tools, special cutting edges, beveled edges to prevent damage to the finest wire, full-fashioned handles designed to provide comfort to the user, streamlined joints that still retain their strength and balance—each of these features contributes to the superiority of CRESCENT PRECISION TOOLS. But with CRESCENT, they are the “usual,” not the “unusual.” Every plier or hand tool bearing the CRESCENT trademark gives the assurance of the finest in materials, the most specific design, accuracy and preciseness of production that identifies CRESCENT as the leader in industrial PRECISION HAND TOOLS.

SPECIAL FEATURES THAT ARE NOW STANDARD ON ALL CRESCENT PLIERS



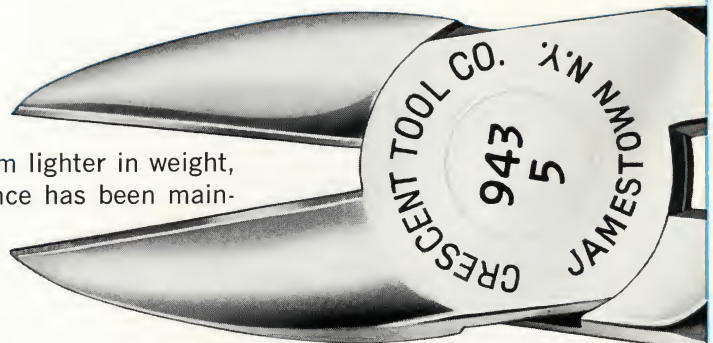
The **cutting edge** of every CRESCENT cutting plier is electronically induction hardened and hand-honed. Nothing is left to chance — each is rigidly tested and inspected to insure cutting ease and long cutting life.

All CRESCENT long and chain nose pliers have slightly **beveled inside edges** to guard against nicking or marring the finest wire.



Full-fashioned handles on every CRESCENT plier allow the proper feel, provide comfort and promote the reduction of operator fatigue.

The **streamlined joints** on CRESCENT pliers make them lighter in weight, easier to use. All of the strength and the correct balance has been maintained, making the lighter weight a plus factor.

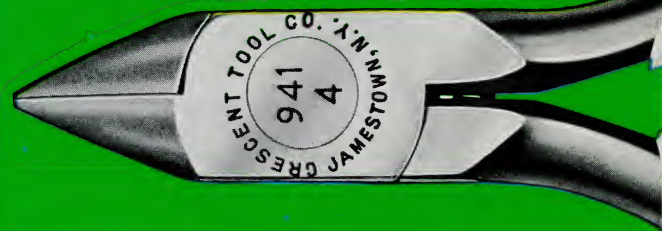


SPECIAL OPTIONAL FEATURES AVAILABLE ON CRESCENT PLIERS



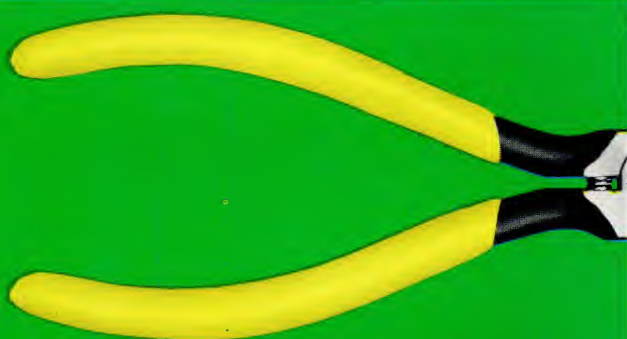
CRESCENT COIL SPRINGS

A CRESCENT coil spring added between the handles of a plier keeps the handle in an open position, reducing operator fatigue and speeding assembly-line production. The coil spring is easily removable, and is guaranteed not to break or fall out. When ordering pliers equipped with coil springs, use the letter "S" as a suffix to the part number (i. e. #942-4"S).



CRESCENT CUTTING EDGES

The beveled edge is standard on all CRESCENT pliers. Special edges are also available. **Semi-flush edges:** when ordering use letter "G" as a suffix to the part number (i. e. #942-4"G). **Full Flush Edges:** for flush cutting; when ordering, use letter "E" as a suffix to the part number (i. e. #942-4"E). Electronic hardening makes these superior tools.



CRESCENT "CUSHION GRIP" HANDLES

To give extra comfort and long service, any CRESCENT plier or wrench can be ordered with CUSHION GRIP handles. Handles dipped in Microsol and baked in ovens at exacting temperatures produces the "CUSHION GRIP" — especially effective on assembly and production lines in reducing operator fatigue. CRESCENT yellow is the standard color, however, other colors are available on special order. When ordering use letter "C" as a suffix to the part number (i. e. #942-4"C).

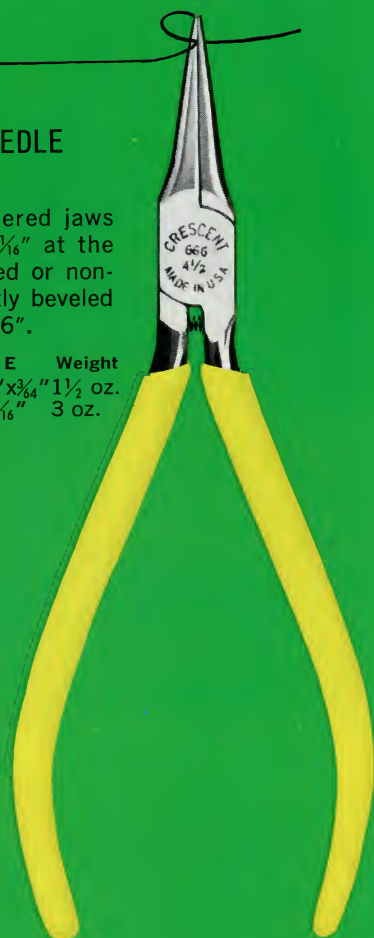
CRESCENT FINISHES

Polished heads and black handles is the standard finish on all CRESCENT solid joint pliers. There are also special finishes available. **Full Polish Heads and Shoulder Only:** When cushion grip handles are applied, this finish can be used. When ordering, the suffix "C" indicates cushion grip handles, and suffix "B" indicates the finish (i. e. #942-4"CB). **Full Polish Finish:** For this finish, use the letter "F" as a suffix to the part number (i. e. #942-4"F). **Full polish, nickel chrome plate:** When ordering use the letter "A" as a suffix to the part number (i. e. #942-4"A). **Nickel Chrome over Standard Finish:** When ordering use letter "H" as a suffix to the part number (i. e. #942-4"H).

No. 666sc**EXTRA THIN LONG NEEDLE NOSE PLIERS**

Long, fine, spring-tempered jaws precision machined to $\frac{1}{16}$ " at the extreme tip. Fine serrated or non-serrated jaws with slightly beveled inside edges. 4½" and 6".

Dim.	A	B	C	D	E	Weight
4½"	1½"	1½"	1½"	¼"	⅜" x ⅜"	1½ oz.
6"	2¼"	1½"	1½"	¼"	⅜" x ⅜"	3 oz.

**No. 1033sc****LONG NOSE PLIERS**

Especially appreciated by radio and television workers. Loops and bends of all sizes can be made. Length in the nose reaches into tight places. 6" and 7".

Dim.	A	B	C	D	E	Weight
6"	1½"	1½"	¾"		⅜" x ⅜"	5 oz.
7"	2¼"	1½"	¾"		⅜" x ⅜"	6 oz.

No. 776sc**ELECTRONIC CUTTING & LOOPING PLIERS**

For cutting and forming wire. Electronically induction hardened. Cutter near tip. Size 6".

Dim.	A	B	C	D	E	Weight
6"	1⅜"	1½"	1½"	⅝"		4 oz.

No. 1030sc**TRANSVERSE END CUTTING NIPPER**

Narrow nose allows snap cutting in work areas inaccessible to ordinary tools. Size 6" and 4½".

Dim.	A	B	C	D	E	Weight
6"	1⅜"	1½"	¾"	⅝"	⅜" x ¼"	3 oz.

No. 655sc**LONG CHAIN NOSE SIDE CUTTING PLIERS WITH ⅛" POINT SIZE**

Tip of this plier is precision machined to $\frac{1}{16}$ " diameter. Excellent for radio or telephone switchboards. Size 6".

Dim.	A	B	C	D	E	Weight
6"	1⅜"	1½"	¾"	½"	⅜"	5 oz.

No. 654sc**LONG CHAIN NOSE SIDE CUTTING PLIERS**

Long nose of this plier will reach into tight places. Cutter makes it particularly valuable to radio and telephone workers. Size 6".

Dim.	A	B	C	D	E	Weight
6"	1⅜"	¾"	¾"	½"	⅜" x ⅜"	5 oz.

**No. 1036****LONG REACH SHORT NOSE BOX JOINT PLIERS**

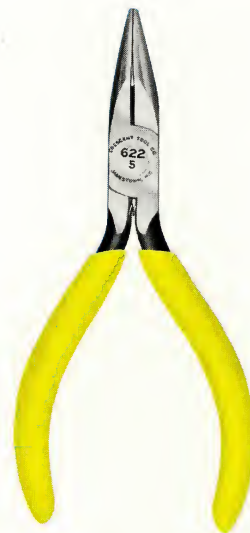
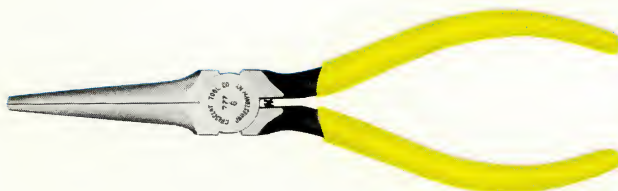
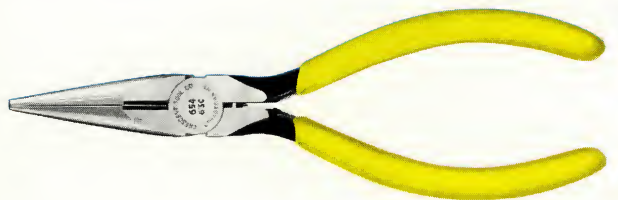
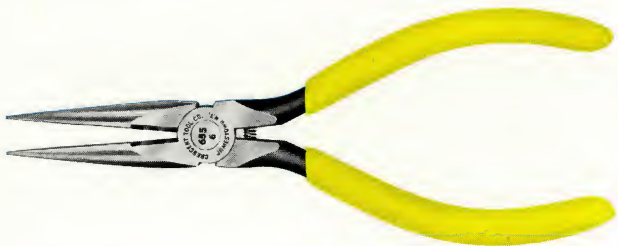
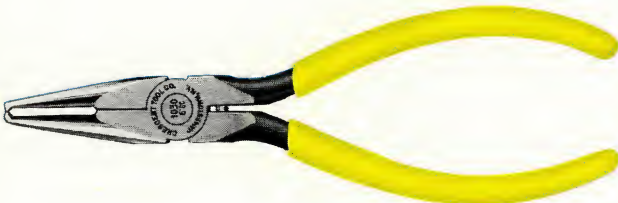
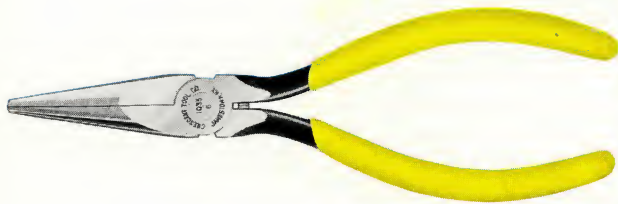
Specially designed to work in electronic, radio, television construction and maintenance. Will form loops and bends of all sizes. Reaches into hard-to-get-at places. Box joint keeps it firm and easy working. Size 8".

Dim.	A	B	C	D	E	Weight
8"	1½"	⅜" x ⅜"	¾"		⅜"	4½ oz.

No. 777sc**LONG NEEDLE NOSE PLIERS**

Long slender nose has surprising gripping ability. Handles can be squeezed until jaws bend and twist, then return to their original shape. Size 6" and 7".

Dim.	A	B	C	D	E	Weight
6"	2⅜"	1½"	⅝"		⅜" x ⅜"	4 oz.
7"	2⅜"	1½"	⅝"		⅜" x ⅜"	5 oz.

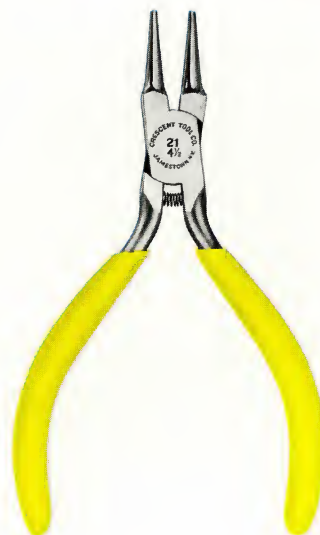


No. 622sc

SHORT CHAIN NOSE SIDE CUTTING PLIERS

Light in weight, perfectly balanced, this plier will meet the requirements of the most skilled mechanical worker. Short nose is precision ground to fine point. Side cutter and fine serrations. Sizes 4" and 5".

Dim.	A	B	C	D	E	Weight
4"	1 $\frac{1}{16}$ "	15 $\frac{1}{32}$ "	1 $\frac{1}{4}$ "	11 $\frac{1}{32}$ "	3 $\frac{3}{64}$ " x .058"	2 $\frac{1}{2}$ oz.
5"	1 $\frac{5}{32}$ "	9 $\frac{1}{16}$ "	11 $\frac{1}{32}$ "	11 $\frac{1}{32}$ "	1 $\frac{1}{8}$ " x 3 $\frac{1}{32}$ "	3 oz.



No. 21sc

ROUND NOSE PLIERS

Both sides of nose are carefully rounded, precision ground to small point. Excellent for looping and forming fine wire in radio, electronic, electrical and jewelry industries. Size 4 $\frac{1}{2}$ " and 6".

Dim.	A	B	C	D	E	Weight
4 $\frac{1}{2}$ "	7 $\frac{1}{8}$ "	15 $\frac{1}{32}$ "	1 $\frac{1}{4}$ "		3 $\frac{3}{32}$ " x 3 $\frac{3}{64}$ "	2 oz.
6"	1 $\frac{3}{8}$ "	5 $\frac{1}{8}$ "	13 $\frac{1}{32}$ "		3 $\frac{1}{32}$ " x 3 $\frac{1}{16}$ "	5 oz.

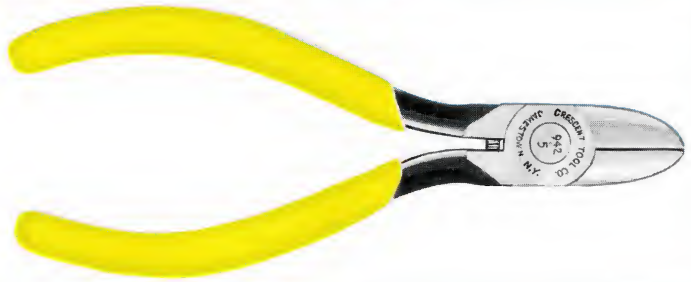
DIAGONAL CUTTING PLIERS

No. 942sc

MIDGET AND STANDARD DIAGONAL PLIERS

Semi-flush electronically induction hardened edges for fast easy snap cutting the entire length of cutting edge. Midget size (4") — Standard size 4½" - 5" - 6".

Dim.	A	B	C	D	E	Weight
4"	17/32"	7/16"	1/4"	17/32"		2 oz.
4½"	11/16"	9/16"	11/32"	23/32"		3 oz.
5"	23/32"	5/8"	3/8"	25/32"		4 oz.
6"	27/32"	11/16"	7/16"	27/32"		6 oz.

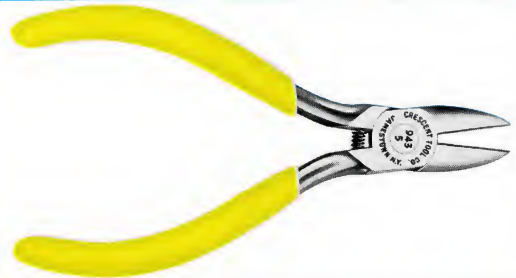


No. 943sc

SPECIAL SLIM NOSE DIAGONAL PLIERS

Pliers especially designed for close quarter tipcutting. Maximum strength, leverage and long life. Streamlined nose. Size 5".

Dim.	A	B	C	D	E	Weight
5"	25/32"	5/8"	3/8"	25/32"		4 oz.

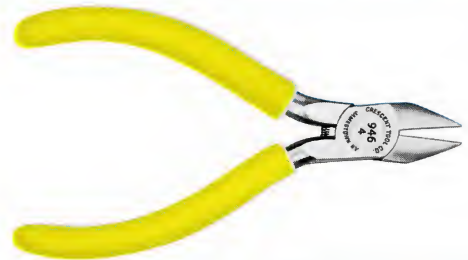


No. 946sc

POINTED NOSE FLUSH-CUTTING DIAGONAL PLIERS

Heavy pattern with streamline, flush-cutting jaws machined to a point to insure close snap cutting at the extreme tip. Size 4".

Dim.	A	B	C	D	E	Weight
4"	11/16"	3/16"	11/32"	11/16"	1/16"	2 oz.



No. 542

HEAVY-DUTY, HIGH LEVERAGE DIAGONAL PLIERS

Easy to use, yet one of the most powerful diagonal cutting pliers. Smooth working point, full-fashioned handles insure easy cutting of heavy wire. Size 7".

Dim.	A	B	C	D	E	Weight
7"	25/32"	1 1/32"	7/16"	3/4"		8 oz.

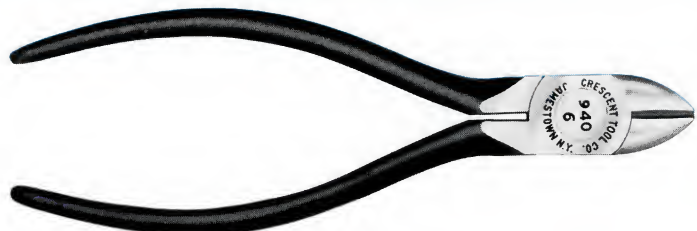


No. 940

AVIATION SHORT NOSE DIAGONAL CUTTING PLIERS

Similar to Crescent No. 942. Shorter nose for greater leverage and close quarter cutting. Size 6".

Dim.	A	B	C	D	E	Weight
6"	3/16"	11/16"	7/16"	3/16"		5 oz.



No. 945sc

PLASTIC CUTTING DIAGONAL PLIERS

Specially designed for cutting sprues from plastic moldings and other plastic-cutting applications. Full-flush cutting blades with a stop, to protect the cutting blades. Not to be used for cutting metal. Sizes 6" and 7½".

Dim.	A	B	C	D	E	Weight
6"	27/32"	11/16"	7/16"	27/32"		6½ oz.
7½"	15/16"	13/16"	1/2"	15/16"		8 oz.



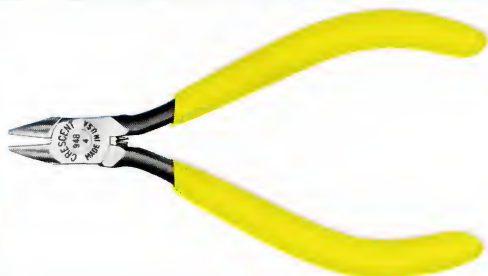


No. 947sc

STUB NOSE MIDGET DIAGONAL PLIERS

Midget diagonal pliers with $\frac{1}{2}$ " cutting edges. Edges full-flush, electronically induction hardened, hand-honed for close quarter cutting where high leverage is essential. Size 4".

Dim.	A	B	C	D	E	Weight
4"	$\frac{1}{4}$ "	$\frac{7}{16}$ "	.240"	$\frac{1}{4}$ "		2 oz.

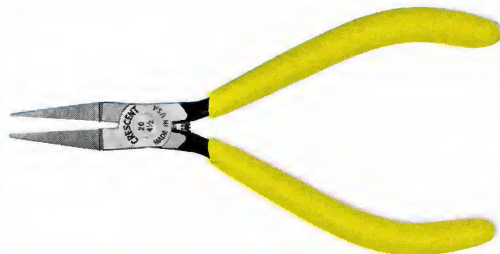


No. 948sc

MIDGET DIAGONAL PLIERS

Midget diagonal pliers with standard ($\frac{15}{32}$ ") cutting edges. Flush cutting blades, hand honed for clean cutting.

Dim.	A	B	C	D	E	Weight
4"	$\frac{15}{32}$ "	$\frac{3}{8}$ "	$\frac{7}{32}$ "	$\frac{15}{32}$ "		2 oz.

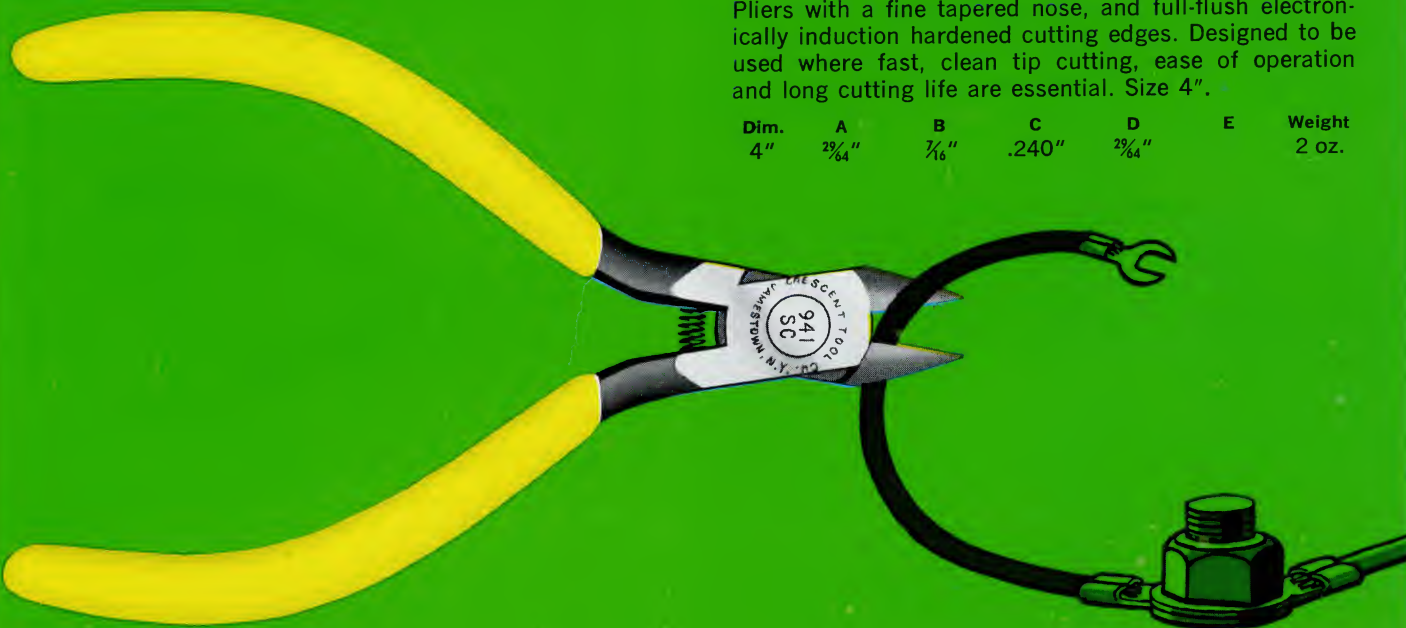


No. 20sc

FLAT NOSE PLIERS

Light plier for fine work. Checker knurling in jaws gives firm grip. Handles shaped to fit the hand, smooth working joint. No cutter. Size $4\frac{1}{2}$ " and 5".

Dim.	A	B	C	D	E	Weight
$4\frac{1}{2}$ "	$1\frac{3}{32}$ "	$1\frac{11}{32}$ "	$\frac{1}{4}$ "		$\frac{1}{16}$ " x $1\frac{11}{32}$ "	2 oz.
5"	$1\frac{1}{2}$ "	$1\frac{5}{32}$ "	$\frac{1}{4}$ "		$\frac{3}{32}$ " x $1\frac{11}{32}$ "	4 oz.



No. 941sc

MIDGET DIAGONAL PULL FLUSH CUTTING PLIERS

Pliers with a fine tapered nose, and full-flush electronically induction hardened cutting edges. Designed to be used where fast, clean tip cutting, ease of operation and long cutting life are essential. Size 4".

Dim.	A	B	C	D	E	Weight
4"	$\frac{29}{64}$ "	$\frac{7}{16}$ "	.240"	$\frac{29}{64}$ "		2 oz.

No. 50

CRESCENT SIDE CUTTING PLIERS

An ideal tool for electrical work. Hand-honed electronically induction hardened edges offer excellent cutting qualities. Size 5" - 6" - 7" - 8".

Dim.	A	B	C	D	E	Weight
5"	1"	1 1/16"	13/32"	1/2"		5 oz.
6"	1 1/8"	7/8"	1/2"	5/16"		8 oz.
7"	1 11/32"	1"	1/2"	5/8"		10 oz.
8"	1 15/32"	1 1/8"	9/16"	3/4"		14 oz.



No. 265

MIDGET END CUTTING NIPPERS

Light, strong, end cutting nippers. Sharp, keen edges ground to allow cutting close to flat surfaces or chassis. Size 4 1/2".

Dim.	A	B	C	D	E	Weight
4 1/2"	1/4"	2 1/32"	1/4"	7/16"		3 oz.



No. 72

END CUTTING NIPPERS OF FORGED CRESTOLOY STEEL

The blade width, throat clearance, leverage ratio, rivet size, blade sharpness and the angle at which they meet are points that have been carefully engineered into the design of this tool.

Finish: Polished head, gun metal handles.

Number	Size	Width of Cutting Edge	Weight, Each
72	6"	1 1/16"	9 oz.
72	7"	1 5/32"	12 oz.

Packed—One in a box.

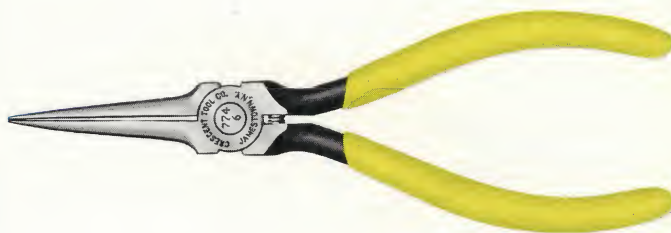
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No. 774—6"sc

SPECIAL NEEDLE NOSE PLIERS

Long, tapered, sturdy spring tempered jaws for assembling small electronic apparatus. Fine serrations with slightly beveled edges. Size 6".

Dim.	A	B	C	D	E	Weight
6"	1 59/64"	1 1/16"	5/16"		.072	3 oz.

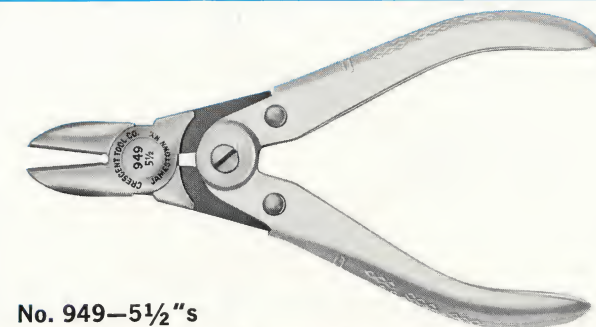


No. 949—5 1/2"s

COMPOUND ACTION DIAGONAL CUTTING PLIERS

A powerful high-speed cutting tool for production work. Continuous cutting fatigue is reduced for women operators by the spring loaded action as well as the comfortable handle design. Size 5 1/2".

Dim.	A	B	C	D	E	Weight
5 1/2"	27/32"	1 1/32"	3/8"	27/32"		3 oz.



No. 25sc

MIDGET CHAIN NOSE PLIERS

Short, thin chain nose pliers. Slim, streamlined pliers with fine serrations or smooth jaws plus slightly beveled inside edges. Excellent for sub-miniature electronic assembly work. Sizes 4" and 4 1/2".

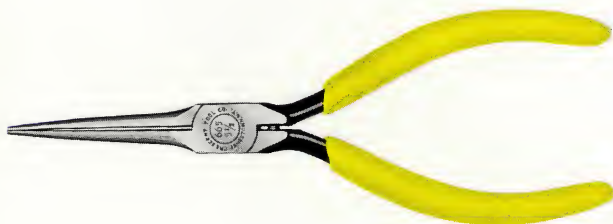
Dim.	A	B	C	D	E	Weight
4"	1 3/32"	13/32"	1/4"		1/32" x 1/32"	2 oz.
4 1/2"	1 1/64"	13/32"	1/4"		1/32" x 1/16"	2 1/2 oz.



No. 665—5½"sc**SPECIAL VERY FINE NEEDLE NOSE PLIERS**

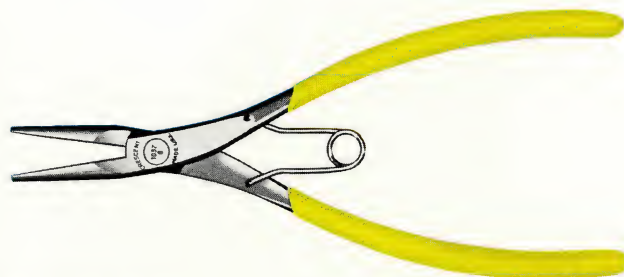
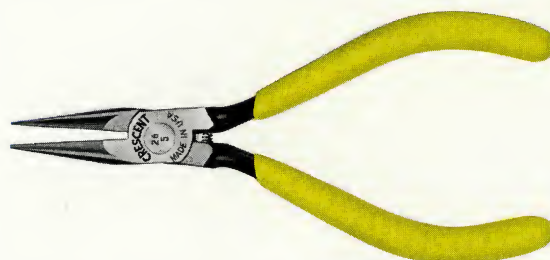
Fine serrations on jaws, 1 ¾" nose length, slightly beveled inside edges. Size 5½".

Dim.	A	B	C	D	E	Weight
5½"	1 13/16"	15/16"	.240"		.072	5 oz.

**No. 26sc****SHORT CHAIN NEEDLE NOSE PLIERS**

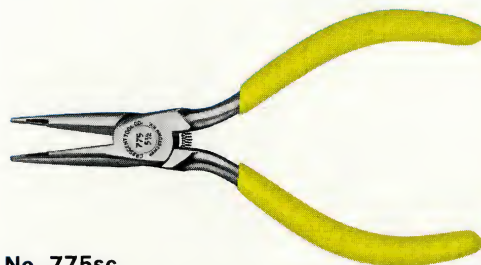
Short nose machined to fine point for extra positive grip. Fine serrations. Nose 1 3/8" long with slightly beveled inside edges. Size 4½" - 5".

Dim.	A	B	C	D	E	Weight
4½"	1 3/32"	7/16"	1/4"		1/32" x 1/16"	2½ oz.
5"	1 3/16"	1/2"	11/32"		1/32" x 3/32"	2¾ oz.

**No. 1037—8"sc****DUCK BILL WIRING PLIERS**

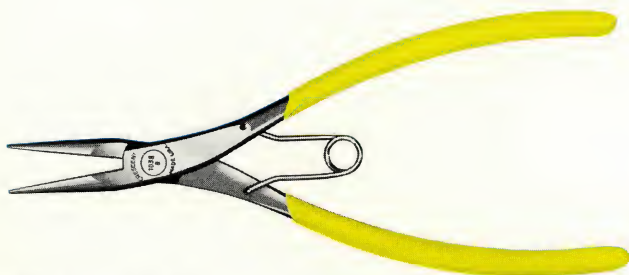
Long reach duck bill pliers with serrated jaws. Size 8".

Dim.	A	B	C	D	E	Weight
8"	1 5/16"	17/32"	7/16"		1/8" x 1/4"	5 oz.

**No. 775sc****ELECTRONIC WIRING PLIERS WITH CUTTER NEAR TIP**

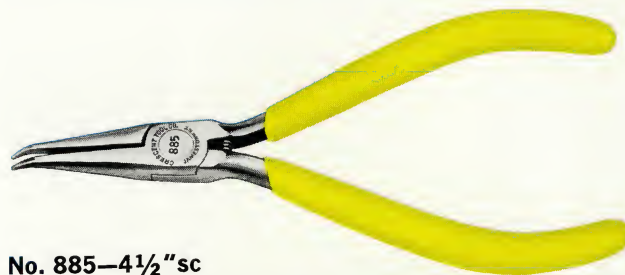
For delicate, intricate sub-assembly work. Fine serrated tips will not mar or nick wire. Electronically induction hardened cutting edges near tip for snap cutting the finest solid or stranded wire. Sizes 4½" - 5".

Dim.	A	B	C	D	E	Weight
4½"	1 1/4"	7/16"	1/4"	1/8"	1/16" x 3/32"	2 oz.
5"	1 3/32"	9/16"	11/32"	1/4"	1/16" x 3/32"	3 oz.

**No. 1038—8"sc****NEEDLE NOSE ASSEMBLY PLIERS**

Assembly pliers for forming wire. 8" Needle nose plier ground to point for extra long reach. Size 8".

Dim.	A	B	C	D	E	Weight
8"	1 5/16"	17/32"	7/16"		1/16"	5 oz.

**No. 885—4½"sc****EXTRA FINE BENT NEEDLE NOSE PLIERS**

Designed for working with very fine wire. Ideal for delicate wiring applications. Precision machined to the extreme tip. Fine serration and beveled inside edges along with curved nose allows for reaching into inaccessible work areas. Size 4½".

Dim.	A	B	C	D	E	Weight
4½"	1 3/16"	23/32"	3/8"	13/16"		2 oz.

SLIP JOINT PLIERS

No. G26

COMBINATION SLIP JOINT PLIERS

High grade, hand-finished slip joint pliers. Drop forged from special analysis steel. Full polished chrome nickel plate finish. Sizes 5" - 6" - 8" - 10".

Dim.	A	B	C	D	E	Weight
5"	$\frac{7}{8}"$	$1\frac{3}{4}"$	$\frac{1}{4}"$			4 oz.
6"	$1\frac{1}{8}"$	$1\frac{5}{8}"$	$\frac{3}{8}"$			7 oz.
8"	$1\frac{11}{32}"$	$1\frac{3}{8}"$	$\frac{7}{16}"$			10 oz.
10"	$1\frac{3}{4}"$	$1\frac{1}{2}"$	$\frac{1}{2}"$			18 oz.



UTILITY PLIERS



No. R210C

Multiple slip joint style with accurately machined ribs and grooves that work smoothly and hold their adjustment. Drop forged from special steel. Chrome plate finish. Sizes 7, 10 and 12 inches. Available with or without cushion grips.

Dim.	A	B	C	D	E	Weight
R27	$1\frac{1}{16}"$	$1\frac{1}{16}"$	$\frac{5}{16}"$			9 oz.
R210	$1\frac{3}{16}"$	2"	$\frac{7}{16}"$			13 oz.
R212	$1\frac{1}{16}"$	$2\frac{3}{4}"$	$\frac{1}{2}"$			19 oz.

NEED A SPECIAL TOOL? LET CRESCENT MAKE IT FOR YOU!

CRESCENT TOOL COMPANY has a Custom or Special Tool Department for the express purpose of serving industry by manufacturing special tools and modifying standard-line tools to conform to industrial specifications. That is part of our service to you. To provide the designers, the equipment and the skill, so that any problem you might have involving some special tool for your application, no matter how big or how small, can be solved for you. CRESCENT is famous for quality — a word synonymous with its name. This QUALITY gives you the assurance that when you submit a need for a special tool to CRESCENT, you will know the same fine materials, the same skillful design, the same perfected techniques used in the production of their standard line models, will be applied to perfecting the special tool you request.

The growth of the electronic industry, for example, demands in many cases that our standard-line pliers be modified to meet certain specifications for certain jobs

and production applications. Regardless of the application, specification or modification, CRESCENT TOOL is equipped and staffed to service your need. In many cases, a sample or prototype can be made available to you in a few days.

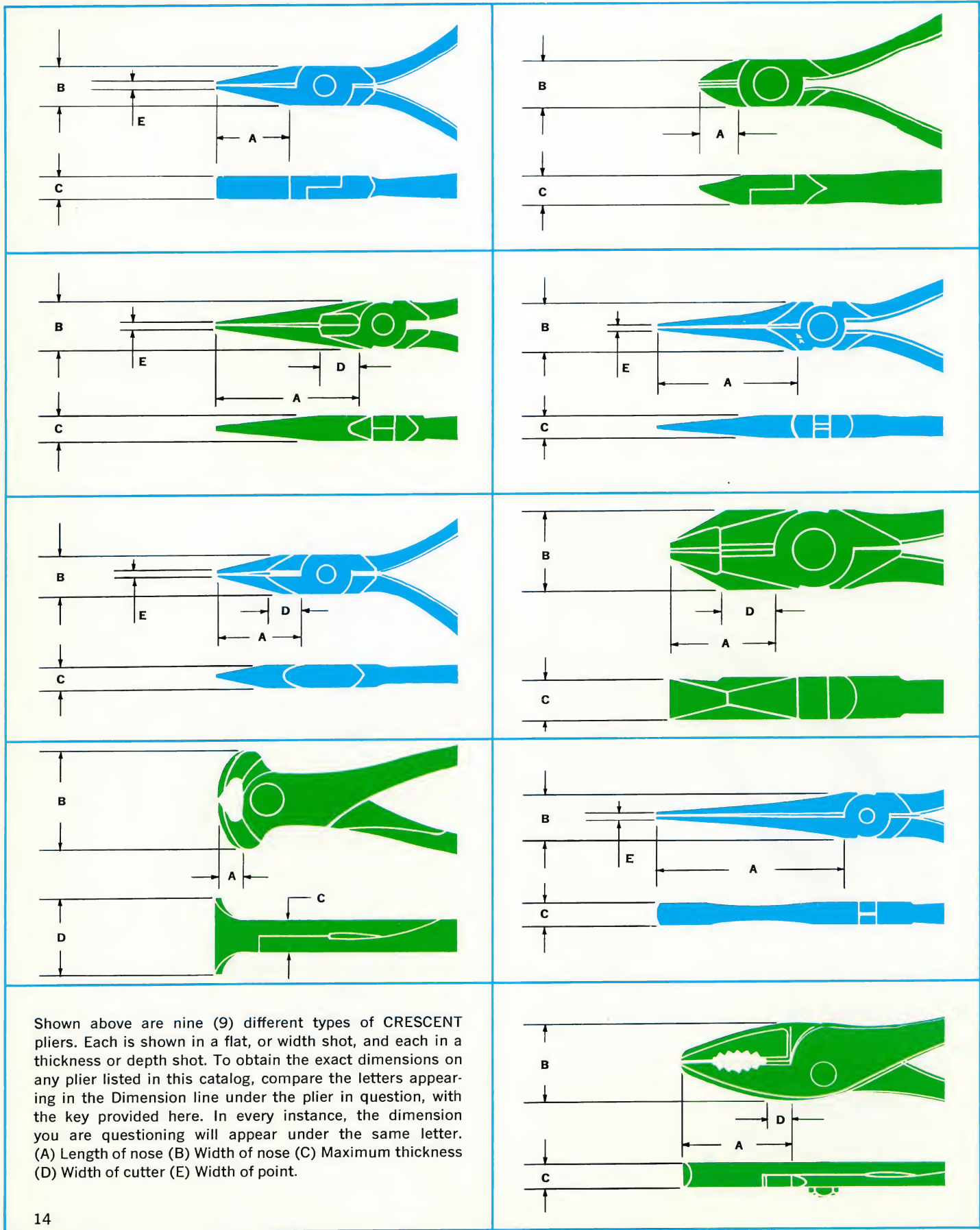
Because each CRESCENT Custom Tool is manufactured to the specifications of the industrial manufacturer, it is not carried in our inventory for immediate shipment. For each custom-design tool, the normal delivery period is 60 to 90 days from receipt of the order.

Tools can be made for you upon request. Contact your CRESCENT Distributor, Sales Representative, or the CRESCENT TOOL COMPANY, Jamestown, New York. Our specially trained and qualified Engineering Consultants are available to discuss your specific requirements.

CRESCENT TOOL is ready to serve you on any of your special plier needs, and your inquiries are welcomed.



REFERENCE DRAWINGS FOR TOOL DIMENSIONS



Shown above are nine (9) different types of CRESCENT pliers. Each is shown in a flat, or width shot, and each in a thickness or depth shot. To obtain the exact dimensions on any plier listed in this catalog, compare the letters appearing in the Dimension line under the plier in question, with the key provided here. In every instance, the dimension you are questioning will appear under the same letter. (A) Length of nose (B) Width of nose (C) Maximum thickness (D) Width of cutter (E) Width of point.

FAMOUS CRESCENT ADJUSTABLE WRENCHES



No. AC

"CRESTOLOY"® WRENCHES

"Crestoloy"® is the trademark of Crescent Tool Co., identifying our specially developed alloy steel made according to our own specifications. CRESCENT's own selective induction process of electronic hardening provides the hard surface and interior toughness that gives these wrenches their rugged strength and long life.

Size 4" - 6" - 8" - 10" - 12" - 15" - 18" - 24".

Dim.	Catalog Number	Capacity	Thickness of Head		Weight Packed
			Tip of Jaws	Thickest Point	
4"	AC14	1/2"	1/8"	5/16"	2 oz.
6"	AC16	3/4"	7/32"	3/8"	4 oz.
8"	AC18	1 1/16"	9/32"	15/32"	8 oz.
10"	AC110	1 1/8"	13/32"	19/32"	13 oz.
12"	AC112	1 5/16"	15/32"	3/4"	1 lb. 9 oz.
15"	AC115*	1 11/16"	19/32"	15/16"	3 lbs. 4 oz.
18"	AC118*	2 1/16"	11/16"	1 1/8"	5 lbs. 2 oz.
24"	AC124*	2 7/16"	7/8"	1 13/32"	8 lbs. 15 oz.

*This size has tapered handle



CRESCENT TOOL CO. Division of Crescent Niagara Corporation, Jamestown, New York.

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CRESCENT'S OTHER FINE TOOLS!

CRESCENT HAND TOOLS have set the standard for quality for over half a century. No tool rack — in the home or in industry — is complete without the Crescent Adjustable Wrench — the tool that first made CRESCENT famous. Now a complete line of hand tools designed, developed and manufactured by Crescent, puts superior quality into the hands of every worker . . . skilled or handyman. Screwdrivers, all types of wrenches, pliers, hack saws, punches, chisels, tin snips and socket sets — these are the Hand Tools made by CRESCENT to get the job done! The name Crescent is a guarantee of quality on any hand tool!

